

CHILLED WATER FLOW DIAGRAM- WATER SIDE

POINT LIST	DO	D1	AO	AI
FAN START-STOP *	X			
FAN STATUS *		X		
ROOM TEMPERATURE *				X
SUPPLY AIR TEMPERATURE *				X
RETURN AIR TEMPERATURE *				X
HEATING STAGE 1 *	X			
HEATING STAGE 2 *	X			
CHILLED WATER VALVE CONTROL *			X	
DAMPER CONTROL *			X	
FILTER STATUS *		X		
* TYPICAL OF POINT MIX FOR EACH OF 7 AHU'S				
OUTSIDE AIR TEMPERATURE				X
CHILLER ENABLE	X			
CHILLER GENERAL STATUS * *		X		
CHW PUMP P-1 START-STOP	X			
CHW PUMP P-1 STATUS		X		
CHW PUMP P-2 START-STOP	X			
CHW PUMP P-2 STATUS		X		
CHW SUPPLY TEMPERATURE				X
CHW RETURN TEMPERATURE				X
* *FROM THE CHILLER PANEL - FLOW SWITCH BY CHILLER MANUFACTURER				

GOVERNMENT FURNISHED EQUIPMENT (GFE) (AUTOMATED LOGIC PRODUCT)

AHU CONTROLLER (TYP. OF 7)	R683
CHILLER PLANT CONTROLLER (TYP. OF 1)	G8102
GATEWAY DEVICE (TYP. OF 1)	CM2G

GFE - GOVERNMENT TO FURNISH EQUIPMENT SPECIFIED ABOVE TO QUALIFIED
INSTALLER OF AUTOMATED LOGIC PRODUCT



QUALIFIED INSTALLER CONTRACTOR - THI, VENTURA, CA.
ATTN.: ADRAIN ROSALES (805) 647-8806

QUALIFIED INSTALLER CONTRACTOR TO PROVIDE ALL ENGINEERING, GRAPHICS DEVELOPMENT, PANELS, MISCELLANEOUS PANEL AND FIELD DEVICES, INSTALLATION AND CHECKOUT/START-UP SERVICES, WHEN COMBINED WITH GFE DEVICES, TO PROVIDE A COMPLETE AND OPERABLE BUILDING AUTOMATION SYSTEM CAPABLE OF BEING ACCESSED REMOTELY OR ON SITE.

SYSTEM COMPATIBILITY - THE QUALIFIED CONTRACTOR WILL PROVIDE A COMPLETE DATABASE FOR THIS INSTALLATION THAT IS COMPATIBLE WITH AND WILL FULLY INTEGRATE INTO AN EXISTING SUPERVISION OPERATING SYSTEM LOCATED AT THE LAAFB EL SEGUNDO SITE.

CONTROLS

(TO BE FURNISHED BY AUTOMATIC LOGIC CORPORATION OR OTHER APPROVED SUPPLIER)

UNITED STATES AIR FORCE 61 AIR BASE GROUP (ABG) LOS ANGELES AIR FORCE BASE		PROJECT TITLE: BLDG 403 HVAC COMMUNITY CENTER FORT MCCARTHR		SHEET TITLE: FLOW DIAGRAMS - WATER SIDE	
 MERIT ENGINEERING, INC. 129 SOUTH SAN FERNANDO BLVD. BURBANK, CA 91502 (818) 842-2820 FAX (818) 842-1419				JOB No. 10-50104-18B	
A P USING AGENCY _____ DATE _____ C V BASE CIVIL ENGINEER _____ DATE _____ E D CONTRACT MGT. _____ DATE _____		JOHN WILLIAMS DESIGNED BY BILL WHORLEY DRAWN BY JOHN WILLIAMS CHECKED BY JOHN HOLLAND SUBMITTED BY		6/15/97 DATE 6/15/97 DATE 6/15/97 DATE 6/15/97 DATE	
PROJECT MANAGER _____ DATE _____ SECURITY _____ DATE _____ ENVIRONMENTAL _____ DATE _____ SAFETY DIVISION _____ DATE _____ CHIEF FIRE PROTECTION _____ DATE _____ COMMUNICATIONS ENGINEER _____ DATE _____ BIODIVERSITY ENGINEER _____ DATE _____ CHIEF OPERATION & MAINTENANCE _____ DATE _____		REV. NO. _____ DATE _____ 9-3-97 A		DESCRIPTION ADDED FAN COIL UNIT	
AGENCY _____ BY _____					